

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"6120556".PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/26 09:41
S2	11	("3663357"   "3890291"   "4363699"   "4732650"   "5013404"   "5118436"   "5503709"   "5571378"   "5691193"   "5704947"   "5820636").PN. OR ("6120556").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/26 09:46
S3	704	peroxide and (maleic or acrylic or methacrylic) and "162".clas.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/26 09:57
S4	10	peroxide and (maleic or acrylic or methacrylic) and "162".clas. and hydroxyacrylic	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/26 10:04
S5	2	("4347099"   "4363699"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/26 10:06
S6	12	((AARTO) near2 (PAREN)).INV.	US-PGPUB; USPAT	OR	OFF	2008/06/26 10:39
S7	32	((AARTO) near2 (PAREN)).INV.	EPO; JPO; DERWENT	OR	OFF	2008/06/26 10:44
S8	9	((JUKKA) near2 (JAKARA)).INV.	US-PGPUB; USPAT	OR	OFF	2008/06/26 10:47
S9	0	((JUKKA) near2 (JAKARA)).INV.	EPO; JPO; DERWENT	OR	OFF	2008/06/26 10:48
S10	8	((JONNI) near2 (AHLGREN)).INV.	US-PGPUB; USPAT	OR	OFF	2008/06/26 10:48
S11	12	((JONNI) near2 (AHLGREN)).INV.	EPO; JPO; DERWENT	OR	OFF	2008/06/26 10:50
S12	1	((RIITTA) near2 (LAITINEN)).INV.	US-PGPUB; USPAT	OR	OFF	2008/06/26 10:51
S13	2	((RIITTA) near2 (LAITINEN)).INV.	EPO; JPO; DERWENT	OR	OFF	2008/06/26 10:51
S14	2	((JUSSI) near2 (NIKKARINEN)).INV.	US-PGPUB; USPAT	OR	OFF	2008/06/26 10:52
S15	2	((TAPIO) near2 (VIITANEN)).INV.	US-PGPUB; USPAT	OR	OFF	2008/06/26 10:52
S16	2	((TAPIO) near2 (VIITANEN)).INV.	US-PGPUB; USPAT	OR	OFF	2008/06/26 10:53

S17	3	((JUSSI) near2 (NIKKARINEN)).INV.	EPO; JPO; DERWENT	OR	OFF	2008/06/26 10:53
S18	2	((TAPIO) near2 (VIITANEN)).INV.	EPO; JPO; DERWENT	OR	OFF	2008/06/26 10:54
S19	10	peroxide and (maleic or acrylic or methacrylic) and "162".clas. and hydroxyacrylicnot S4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/06/26 10:54
S20	0	peroxide and (maleic or acrylic or methacrylic) and "162".clas. and hydroxyacrylic not S4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/06/26 10:54
S21	299	peroxide and (maleic or acrylic or methacrylic) and hydroxyacrylic not S4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/06/26 10:55
S22	158	peroxide and (maleic or acrylic or methacrylic) and hydroxyacrylic not S4 and bleaching	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/06/26 10:57
S23	2	"4963157".PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/06/26 12:08
S24	28	("3122417"   "3663448"   "3699048"   "3740187"   "3860391"   "3957428"   "4079015"   "4110242"   "4115309"   "4363699"   "4379080"   "4403994"   "4450089"   "4455249"   "4457760"   "4539130"   "4614646").PN. OR ("4963157").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/26 12:10
S25	36	("3699048").URPN.	USPAT	OR	OFF	2008/06/26 12:14
S26	275	pretreatment and stabilizer and peroxide and bleaching and polymer and acid	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/06/26 12:54
S27	290	(maleic near acrylic near copolymer) and peroxide	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/26 17:28
S28	1	"4,238,282".PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/26 17:31
S29	1	"4238282".PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/01 09:40
S30	2	"3149151".PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/01 09:44

S31	663	162/78.CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/01 10:11
S32	0	(maleic near acrylic near copolymer) and peroxide and "162".CLAS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/01 10:31
S33	290	(maleic near acrylic near copolymer) and peroxide	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/01 10:31
S34	25	(maleic near acrylic near copolymer) and peroxide and pulp	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/01 10:32
S35	26	(maleic near acrylic near copolymer)and peroxide and pulp	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/07/01 10:35
S36	1	(maleic near acrylic near copolymer)and peroxide and pulp not S34	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/07/01 10:36
S37	1	(maleic near (acrylic or methacrylic) near (copolymer or copolymer))and peroxide and pulp not S34	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/07/01 11:07
S38	229	(maleic near (acrylic or methacrylic))and peroxide and pulp not S34	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/07/01 11:08
S39	6	("5175361"   "5733857"). PN. OR ("6444771"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/01 11:33
S40	11	("3663357"   "3890291"   "4363699"   "4732650"   "5013404"   "5118436"   "5503709"   "5571378"   "5691193"   "5704947"   "5820636").PN. OR ("6120556").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/04 15:14
S41	5	poly\$1alfa \$1hydroxyacrylic	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/04 15:18
S42	137	poly\$1al\$2a \$1hydroxyacrylic	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/04 15:18
S43	140	poly\$1al\$2a\$1hydroxy \$1acrylic	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/04 15:24
S44	11642	poly\$1al\$2a\$1hydroxy \$1acrylic PHAS	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/04 15:24
S45	140	poly\$1al\$2a\$1hydroxy \$1acrylic	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/04 15:24

S46	193	poly\$1al\$2a\$1hydroxy \$1acrylic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/04 15:24
S47	123	poly\$1al\$2a\$1hydroxy \$1acrylic and peroxide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/04 15:24
S48	126	poly\$1al\$2a\$1hydroxy \$1acrylic and (peroxide H2O2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/04 15:24
S49	76	poly\$1al\$2a\$1hydroxy \$1acrylic and (peroxide H2O2) and pH	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/04 15:25
S50	126	poly\$1al\$2a\$1hydroxy \$1acrylic and (peroxide H2O2) and (pH acid acidic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/04 15:25
S51	102	poly\$1al\$2a\$1hydroxy \$1acrylic and (peroxide H2O2) and (acrylic methacrylic maleic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/04 15:26
S52	68	poly\$1al\$2a\$1hydroxy \$1acrylic and (peroxide H2O2) and (acrylic methacrylic maleic) and pH	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/04 15:26
S53	10	poly\$1al\$2a\$1hydroxy \$1acrylic and (peroxide H2O2) and (acrylic methacrylic maleic) and pH and "162".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/04 15:26
S54	9	poly\$1al\$2a\$1hydroxy \$1acrylic and (peroxide H2O2) and (acrylic methacrylic maleic) and pH and "8".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/04 15:41
S55	54	poly\$1al\$2a\$1hydroxy \$1acrylic and (peroxide H2O2) and (acrylic methacrylic maleic) and pH not (S53 S54)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/04 15:43
S56	34	poly\$1al\$2a\$1hydroxy \$1acrylic and (peroxide H2O2) and (acrylic methacrylic maleic) and pH not (S53 S54)and calcium	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/04 16:05

S57	42	poly\$1a\$2a\$1hydroxy \$1acrylic same (acrylic methacrylic maleic) and pH and (peroxide H2O2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/04 16:09
S58	5848	"polyacrylic acid" same pH	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/04 17:04
S59	764	"polyacrylic acid" near5 pH	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/04 17:04
S60	0	"polyacrylic acid" near5 pH near5 S42	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/04 17:04
S61	0	"polyacrylic acid" near5 pH near5 S43	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/04 17:04
S62	764	"polyacrylic acid" near5 pH	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/04 17:04
S63	3	"polyacrylic acid" near5 pH and peroxide and "162".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/04 17:04
S64	158	"polyacrylic acid" near5 pH and peroxide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/04 17:05
S65	16	"polyacrylic acid" near5 pH and peroxide and stabilization	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/04 17:05
S66	458	"polyacrylic acid" near3 pH	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/04 17:05
S67	301	"polyacrylic acid" near2 pH	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/04 17:06
S68	133	"polyacrylic acid" near1 pH	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/04 17:06

S69	38850	maleic same (acrylic or methacrylic) and \$3polymer and pH	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/05 12:00
S70	22800	maleic same (acrylic or methacrylic) same \$3polymer and pH	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/05 12:00
S71	439	maleic same (acrylic or methacrylic) same \$3polymer and pH and "162".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/05 12:00
S72	69	maleic same (acrylic or methacrylic) same \$3polymer same pH and "162".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/05 12:03
S73	27	maleic same (acrylic or methacrylic) same \$3polymer same pH and "162".clas. and peroxide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/05 12:07
S74	27	maleic same (acrylic or meth\$1acrylic) same \$3polymer same pH and "162".clas. and peroxide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/05 12:07
S75	621	maleic same (acrylic or meth\$1acrylic) same \$3polymer same pH and stabili\$6 and peroxide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/05 12:14
S76	247	maleic same (acrylic or meth\$1acrylic) same \$3polymer same pH and stabili\$6 same peroxide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/05 12:15
S77	20	poly\$1a\$2a\$1hydroxy \$1acrylic and (peroxide H2O2) and (acrylic methacrylic maleic)and stabilization	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/05 13:57
S78	7	poly\$1a\$2a\$1hydroxy \$1acrylic and (acrylic methacrylic maleic)and (peroxide H2O2) near10 stabilization	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/05 13:59
S79	30	poly\$1a\$2a\$1hydroxy \$1acrylic and (acrylic methacrylic maleic)and (peroxide H2O2) near10 stabiliz\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/05 13:59
S80	2	"4916178".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/05 14:16

S81	16	("3740187"   "3984439"   "3994969"   "4079016"   "4107411"   "4182806"   "4363699").PN. OR ("4916178").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/05 14:17
S82	6	("3984439"   "4145526"   "4916178").PN. OR ("5241026").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/05 14:55
S83	102	poly\$1a\$2a\$1hydroxy \$1acrylic and (acrylic methacrylic maleic)and (peroxide H2O2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/05 15:20
S84	1	"20040016909"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/05 16:41
S85	3	alum same silver same polymer and "162".clas.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/06 10:06
S86	27	poly\$6hydroxy\$1acrylic and (acrylic methacrylic maleic)and (peroxide H2O2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/12 17:14
S87	2	"4347099".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/12 17:24
S88	14	((AARTO) near2 (PAREN)).INV.	US-PGPUB; USPAT	OR	OFF	2010/02/02 11:49
S89	1	"4880566".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/02/02 12:41
S90	0	newspaper same2 coat \$3 same2 dye same2 germicide	US-PGPUB; USPAT; USOCR	OR	OFF	2010/02/02 15:05
S91	1	newspaper same2 coat \$3 same2 dye same2 germi'cide	US-PGPUB; USPAT; USOCR	OR	OFF	2010/02/02 15:05
S92	1	newspaper same2 coat \$3 same2 dye same2 germicide	US-PGPUB; USPAT; USOCR	OR	OFF	2010/02/02 15:05
S93	163	newspaper same2 coat \$3 same2 dye	US-PGPUB; USPAT; USOCR	OR	OFF	2010/02/02 15:07
S94	201	Ramkumar and paper	US-PGPUB; USPAT; USOCR	OR	OFF	2010/02/02 15:44
S95	3	Ramkumar and paper and wipe	US-PGPUB; USPAT; USOCR	OR	OFF	2010/02/02 15:45

## EAST Search History (I nterference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
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L1	2492	(162/78 162/5 162/6 524/500 8/111).ccls.	USPAT; UPAD	OR	OFF	2010/02/12 10:08
L2	1220	(162/78 162/5 162/6 524/500 8/111).ccls. and peroxide	USPAT; UPAD	OR	OFF	2010/02/12 10:08
L3	14	(162/78 162/5 162/6 524/500 8/111).ccls. and peroxide and poly\$al \$2a\$1hydroxyacryl\$3	USPAT; UPAD	OR	OFF	2010/02/12 10:09
L4	0	(162/78 162/5 162/6 524/500 8/111).ccls. and peroxide and poly\$al \$2a\$1hydroxyacryl\$3. clm	USPAT; UPAD	OR	OFF	2010/02/12 10:09
L5	6	(162/78 162/5 162/6 524/500 8/111).ccls. and peroxide and poly\$al \$2a\$1hydroxyacryl\$3. clm.	USPAT; UPAD	OR	OFF	2010/02/12 10:09
L6	18	peroxide and poly\$al\$2a \$1hydroxyacryl\$3 and pulp and pH	USPAT; UPAD	OR	OFF	2010/02/12 10:27
L7	8	peroxide and poly\$al\$2a \$1hydroxyacryl\$3 and pulp and pH not I3	USPAT; UPAD	OR	OFF	2010/02/12 10:27
L8	11	peroxide and poly\$al\$2a \$1hydroxyacryl\$3 and pulp and pH not I3	US-PGPUB	OR	OFF	2010/02/12 10:38

2/12/2010 10:39:50 AM

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polymer stabilization peroxide.wsp